



Montpelier Capitol Complex Restoration and Renovation

Presented by:
Jennifer M. V. Fitch, P. E., Commissioner
Joe Aja, Director, Design and Construction
Ethan Dunker, Project Manager
Department of Buildings and General Services

Doug Farnham, Chief Recovery Officer
Agency of Administration

October 24, 2023

Montpelier Capitol Complex Restoration and Renovation

Successful Floodproofing

- 120 State Street (DMV)
 - Excavated around building
 - Waterproofed exterior of building
 - Installed foundation drain to pump station on generator power
 - 3" of water in basement due to a separated pipe

- 122 State Street (Heat Plant)
 - Sealed all penetrations to the foundation
 - Installed soil anchors to prevent the slab from floating
 - Installed sump pumps
 - New building constructed above the base flood elevation
 - 12" of water due to failed sump pumps

Montpelier Capitol Complex Restoration and Renovation

**Building Inspections
and Necessary Repairs
Interim Recovery Period**

- **HP Cummings: Construction Manager**
 - Bringing systems back online (electrical, HVAC, alarms, etc.)
 - Temporary finishes to protect FEMA reimbursement status
 - Working on budget for longer-term work
 - Producing FEMA documents:
 - Damage Inventory (DI)
 - Damage Descriptions and Dimensions (DDD)
- **Freeman French Freeman: Consultants**
 - Currently working with HP Cummings to develop an estimate to repair and restore impacted buildings to current code (base elevation +2 feet)

Montpelier Capitol Complex Restoration and Renovation

**Freeman French Freeman:
Architects**

- **Waterbury after Tropical Storm Irene: Process**
 - BGS issued RFP for feasibility study with extensive requirements for multiple sites
 - Freeman French Freeman selected
 - Study Process:
 - Built extensive program
 - Designs for multiple sites
 - State selected WSOC
 - Complex and extensive study concluded

Montpelier Capitol Complex Restoration and Renovation

**Freeman French Freeman:
Architects**

- **Waterbury after Tropical Storm Irene: Study Scope of Work**
 - Performed historical analysis of the Waterbury site
 - Riverways analysis by a fluvial scientist examining flood mitigation
 - Determined the best way to replace lost space
 - Reviewed options for office space
 - Analysis of various heating and cooling options
 - Worked closely with FEMA to determine eligibility for emergency mitigation funding

Montpelier Capitol Complex Restoration and Renovation

**Freeman French Freeman:
Architects**

- **Waterbury after Tropical Storm Irene:
Construction**
 - Campus approach: entire campus evaluated, designed, and constructed as an integrated entity
 - Preserved historic buildings with most occupiable space

Questions?